



IFW

Docket No.: 8733.1223.00-US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kyung Su CHAE et al.

Customer No.: 30827

Application No.: 10/825,362

Confirmation No.: 8091

Filed: April 16, 2004

Group Art Unit: 2871

For: DISPENSING APPARATUS FOR LIQUID
CRYSTAL DISPLAY PANEL AND
DISPENSING METHOD USING THE SAME

Examiner: TBA

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The Applicant(s) wish to make of record the references listed on the attached PTO/SB/08. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

RELATED CASES

- ☐ Attached is a list of applicant's pending applications or issued patents which may be related to the present application. A copy of the patent(s) is attached along with PTO/SB/08.
- ☐ A check is attached in the amount required under 37 CFR § 1.17(p).

CERTIFICATION

The undersigned certifies that

- ☐ each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

- ☐ no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR § 1.56(c) more than three months prior to the filing of this statement.

PETITION


- ☐ Applicant(s) hereby request consideration of the attached information. A check is attached in the amount of the Petition fee required under 37 CFR § 1.17(i)(1).

DEPOSIT ACCOUNT

- Please charge any additional fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to Deposit Account No. 50-0911. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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Date: July 23, 2007

DC:50489755.1



PTO/SB/08a/b (05-03)
Approved for use through 05/31/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/825,362	
			Filing Date	April 16, 2004	
			First Named Inventor	Kyung Su CHAE et al.	
			Art Unit	2871	
			Examiner Name	TBA	
Sheet	1	of	11	Attorney Docket Number	8733.1024.00

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A	1 003 066 A1	5/2000	Europe		
	B	2000-0035302 (w/ English Translation)	6/2000	Korea		
	C	05-127179 (w/ English Translation)	5/1993	Japan		
	D	05-154923 (w/ English Translation)	6/1993	Japan		
	E	05-265011 (w/ English Translation)	10/1993	Japan		
	F	05-281557 (w/ English Translation)	10/1993	Japan		
	G	05-281562 (w/ English Translation)	10/1993	Japan		
	H	06-051256 (w/ English Translation)	2/1994	Japan		
	I	06-148657 (w/ English Translation)	5/1994	Japan		
	J	06-160871 (w/ English Translation)	6/1994	Japan		
	K	06-235925 (w/ English Translation)	8/1994	Japan		
	L	06-265915 (w/ English Translation)	9/1994	Japan		
	M	06-313870 (w/ English Translation)	11/1994	Japan		
	N	07-084268 (w/ English Translation)	3/1995	Japan		
	O	07-128674 (w/ English Translation)	5/1995	Japan		
	P	07-181507 (w/ English Translation)	7/1995	Japan		
	Q	08-095066 (w/ English Translation)	4/1996	Japan		
	R	08-101395 (w/ English Translation)	4/1996	Japan		
	S	08-106101 (w/ English Translation)	4-1996	Japan		

Examiner Signature		Date Considered	
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				Art Unit	2871
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	T	08-171094 (w/ English Translation)	7/1996	Japan		
	U	08-190099 (w/ English Translation)	7-1996	Japan		
	V	08-240807 (w/ English Translation)	9/1996	Japan		
	W	09-005762 (w/ English Translation)	1/1997	Japan		
	X	09-026578 (w/ English Translation)	1/1997	Japan		
	Y	09-073075 (w/ English Translation)	3/1997	Japan		
	Z	09-073096 (w/ English Translation)	3/1997	Japan		
	AA	09-127528 (w/ English Translation)	5/1997	Japan		
	AB	09-230357 (w/ English Translation)	9/1997	Japan		
	AC	09-281511 (w/ English Translation)	10/1997	Japan		
	AD	09-311340 (w/ English Translation)	2/1997	Japan		
	AE	09-61829 (w/ English Translation)	3/1997	Japan		
	AF	10-123537 (w/ English Translation)	5/1998	Japan		
	AG	10-123538 (w/ English Translation)	5/1998	Japan		
	AH	10-142616 (w/ English Translation)	5/1998	Japan		
	AI	10-177178 (w/ English Translation)	6/1998	Japan		
	AJ	10-221700 (w/ English Translation)	8/1998	Japan		
	AK	10-282512 (w/ English Translation)	10/1998	Japan		
	AL	10-333157 (w/ English Translation)	12/1998	Japan		
	AM	10-333159 (w/ English Translation)	12/1998	Japan		
	AN	11-014953 (w/ English Translation)	1/1999	Japan		

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	AO	11-038424 (w/ English Translation)	2/1999	Japan		
	AP	11-064811 (w/ English Translation)	3/1999	Japan		
	AQ	11-109388 (w/ English Translation)	4/1999	Japan		
	AR	11-133438 (w/ English Translation)	5/1999	Japan		
	AS	11-142864 (w/ English Translation)	5/1999	Japan		
	AT	11-174477 (w/ English Translation)	7/1999	Japan		
	AU	11-212045 (w/ English Translation)	8/1999	Japan		
	AV	11-248930 (w/ English Translation)	9/1999	Japan		
	AW	11-326922 (w/ English Translation)	11/1999	Japan		
	AX	11-344714 (w/ English Translation)	12/1999	Japan		
	AY	2000-002879 (w/ English Translation)	1/2000	Japan		
	AZ	2000-029035 (w/ English Translation)	1/2000	Japan		
	BA	2000-056311 (w/ English Translation)	2/2000	Japan		
	BB	2000-066165 (w/ English Translation)	3/2000	Japan		
	BC	2000-137235 (w/ English Translation)	5/2000	Japan		
	BD	2000-147528 (w/ English Translation)	5/2000	Japan		
	BE	2000-193988 (w/ English Translation)	7/2000	Japan		
	BF	2000-241824 (w/ English Translation)	9/2000	Japan		
	BG	2000-284295 (w/ English Translation)	10/2000	Japan		
	BH	2000-292799 (w/ English Translation)	10/2000	Japan		
	BI	2000-310759 (w/ English Translation)	11/2000	Japan		

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	BJ	2000-310784 (w/ English Translation)	11/2000	Japan		
	BK	2000-338501 (w/ English Translation)	12/2000	Japan		
	BL	2001-005401 (w/ English Translation)	1/2001	Japan		
	BM	2001-005405 (w/ English Translation)	1/2001	Japan		
	BN	2001-013506 (w/ English Translation)	1/2001	Japan		
	BO	2001-033793 (w/ English Translation)	2/2001	Japan		
	BP	2001-042341 (w/ English Translation)	2/2001	Japan		
	BQ	2001-051284 (w/ English Translation)	2/2001	Japan		
	BR	2001-066615 (w/ English Translation)	3/2001	Japan		
	BS	2001-091727 (w/ English Translation)	4/2001	Japan		
	BT	2001-117105 (w/ English Translation)	4/2001	Japan		
	BU	2001-117109 (w/ English Translation)	4/2001	Japan		
	BV	2001-133745 (w/ English Translation)	5/2001	Japan		
	BW	2001-133794 (w/ English Translation)	5/2001	Japan		
	BX	2001-133799 (w/ English Translation)	5/2001	Japan		
	BY	2001-142074 (w/ English Translation)	5/2001	Japan		
	BZ	2001-147437 (w/ English Translation)	5/2001	Japan		
	CA	2001-154211 (w/ English Translation)	6/2001	Japan		
	CB	2001-166272 (w/ English Translation)	6/2001	Japan		
	CC	2001-166310 (w/ English Translation)	6/2001	Japan		
	CD	2001-183683 (w/ English Translation)	7/2001	Japan		

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	CE	2001-201750 (w/ English Translation)	7/2001	Japan		
	CF	2001-209052 (w/ English Translation)	8/2001	Japan		
	CG	2001-209060 (w/ English Translation)	8/2001	Japan		
	CH	2001-215459 (w/ English Translation)	8/2001	Japan		
	CI	2001-222017 (w/ English Translation)	8/2001	Japan		
	CJ	2001-235758 (w/ English Translation)	8/2001	Japan		
	CK	2001-255542 (w/ English Translation)	9/2001	Japan		
	CL	2001-264782 (w/ English Translation)	9/2001	Japan		
	CM	2001-272640 (w/ English Translation)	10/2001	Japan		
	CN	2001-281675 (w/ English Translation)	10/2001	Japan		
	CO	2001-281678 (w/ English Translation)	10/2001	Japan		
	CP	2001-282126 (w/ English Translation)	10/2001	Japan		
	CQ	2001-305563 (w/ English Translation)	10/2001	Japan		
	CR	2001-330837 (w/ English Translation)	11/2001	Japan		
	CS	2001-330840 (w/ English Translation)	11/2001	Japan		
	CT	2001-356353 (w/ English Translation)	12/2001	Japan		
	CU	2001-356354 (w/ English Translation)	12/2001	Japan		
	CV	2002-014360 (w/ English Translation)	1/2002	Japan		
	CW	2002-023176 (w/ English Translation)	1/2002	Japan		
	CX	2002-049045 (w/ English Translation)	2/2002	Japan		
	CY	2002-082340 (w/ English Translation)	3/2002	Japan		

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			Art Unit	2871	
			Examiner Name	TBA	
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	CZ	2002-090759 (w/ English Translation)	3/2002	Japan		
	DA	2002-090760 (w/ English Translation)	3/2002	Japan		
	DB	2002-107740 (w/ English Translation)	4/2002	Japan		
	DC	2002-122872 (w/ English Translation)	4/2002	Japan		
	DD	2002-122873 (w/ English Translation)	4/2002	Japan		
	DE	2002-139734 (w/ English Translation)	5/2002	Japan		
	DF	2002-202512 (w/ English Translation)	7/2002	Japan		
	DG	2002-202514 (w/ English Translation)	7/2002	Japan		
	DH	2002-214626 (w/ English Translation)	7/2002	Japan		
	DI	51-65656 (w/ English Translation)	6/1976	Japan		
	DJ	57-038414 (w/ English Translation)	3/1982	Japan		
	DK	57-088428 (w/ English Translation)	6/1982	Japan		
	DL	58-027126 (w/ English Translation)	2/1983	Japan		
	DM	59-057221 (w/ English Translation)	4/1984	Japan		
	DN	59-195222 (w/ English Translation)	11/1984	Japan		
	DO	60-111221 (w/ English Translation)	6/1985	Japan		
	DP	60-164723 (w/ English Translation)	8/1985	Japan		
	DQ	60-217343 (w/ English Translation)	10/1985	Japan		
	DR	61-007822 (w/ English Translation)	1/1986	Japan		
	DS	61-055625 (w/ English Translation)	3/1986	Japan		
	DT	62-089025 (w/ English Translation)	4/1987	Japan		

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				Examiner Name	TBA
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	DU	62-090622 (w/ English Translation)	4/1987	Japan		
	DV	62-205319 (w/ English Translation)	9/1987	Japan		
	DW	63-109413 (w/ English Translation)	5/1988	Japan		
	DX	63-110425 (w/ English Translation)	5/1988	Japan		
	DY	63-128315 (w/ English Translation)	5/1988	Japan		
	DZ	63-311233 (w/ English Translation)	12/1988	Japan		
	EA	2000-093866 (w/ English Translation)	4/2000	Japan		
	EB	2000-066218 (w/ English Translation)	3/2000	Japan		
	EC	2001-209056 (w/ English Translation)	8/2001	Japan		
	ED	2001-209057 (w/ English Translation)	8/2001	Japan		
	EE	2001-209058 (w/ English Translation)	8/2001	Japan		
	EF	2002-079160 (w/ English Translation)	3/2002	Japan		
	EG	2002-080321 (w/ English Translation)	3/2002	Japan		
	EH	2002-122870 (w/ English Translation)	4/2002	Japan		
	EI	2002-131762 (w/ English Translation)	5/2002	Japan		
	EJ	2002-156518 (w/ English Translation)	5/2002	Japan		
	EK	2002-169166 (w/ English Translation)	6/2002	Japan		
	EL	2002-169167 (w/ English Translation)	6/2002	Japan		
	EM	2002-182222 (w/ English Translation)	6/2002	Japan		
	EN	2002-229042 (w/ English Translation)	8/2002	Japan		
	EO	2002-236276 (w/ English Translation)	8/2002	Japan		

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	EP	2002-236292 (w/ English Translation)	9/2002	Japan		
	EQ	2002-258299 (w/ English Translation)	8/2002	Japan		
	ER	2002-277865 (w/ English Translation)	9/2002	Japan		
	ES	2002-277866 (w/ English Translation)	9/2002	Japan		
	ET	2002-277881 (w/ English Translation)	9/2002	Japan		
	EU	2002-287156 (w/ English Translation)	10/2002	Japan		
	EV	2002-296605 (w/ English Translation)	10/2002	Japan		
	EW	2002-311438 (w/ English Translation)	10/2002	Japan		
	EX	2002-311440 (w/ English Translation)	10/2002	Japan		
	EY	2002-311442 (w/ English Translation)	10/2002	Japan		
	EZ	2002-323687 (w/ English Translation)	11/2002	Japan		
	FA	2002-323694 (w/ English Translation)	11/2002	Japan		
	FB	2002-333628 (w/ English Translation)	11/2002	Japan		
	FC	2002-333635 (w/ English Translation)	11/2002	Japan		
	FD	2002-333843 (w/ English Translation)	11/2002	Japan		
	FE	2002-341329 (w/ English Translation)	11/2002	Japan		
	FF	2002-341355 (w/ English Translation)	11/2002	Japan		
	FG	2002-341356 (w/ English Translation)	11/2002	Japan		
	FH	2002-341357 (w/ English Translation)	11/2002	Japan		
	FI	2002-341358 (w/ English Translation)	11/2002	Japan		
	FJ	2002-341359 (w/ English Translation)	11/2002	Japan		

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	FK	2002-341362 (w/ English Translation)	11/2002	Japan		
	FL	H03-009549 (w/ English Translation)	1/1991	Japan		
	FM	H05-036425 (w/ English Translation)	2/1993	Japan		
	FN	H05-036426 (w/ English Translation)	2/1993	Japan		
	FO	H05-107533 (w/ English Translation)	4/1993	Japan		
	FP	H06-018829 (w/ English Translation)	1/1994	Japan		
	FQ	H06-064229 (w/ English Translation)	3/1994	Japan		
	FR	H06-194637 (w/ English Translation)	7/1994	Japan		
	FS	H07-275770 (w/ English Translation)	10/1995	Japan		
	FT	H07-275771 (w/ English Translation)	10/1995	Japan		
	FU	H08-076133 (w/ English Translation)	3/1996	Japan		
	FV	H08-110504 (w/ English Translation)	4/1996	Japan		
	FW	H08-136937 (w/ English Translation)	5/1996	Japan		
	FX	H08-173874 (w/ English Translation)	7/1996	Japan		
	FY	H09-001026 (w/ English Translation)	1/1997	Japan		
	FZ	H09-094500 (w/ English Translation)	4/1997	Japan		
	GA	H10-174924 (w/ English Translation)	6/1998	Japan		
	GB	H11-262712 (w/ English Translation)	9/1999	Japan		
	GC	H11-264991 (w/ English Translation)	9/1999	Japan		
	GD	S62-054225 (w/ English Translation)	3/1987	Japan		
	GE	S62-054228 (w/ English Translation)	3/1987	Japan		

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	GF	S62-054229 (w/ English Translation)	3/1987	Japan		
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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Number	Issue Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	GG	3978580	09-07-1976	Leupp et al.	
	GH	4653864	03-31-1987	Yair Baron	
	GI	4775225	10-04-1988	Akira Tsuboyama	
	GJ	5263888	11-23-1993	Teruhisa Ishihara	
	GK	5379139	01-03-1995	Masahiko Sato	
	GL	5406989	04-18-1995	Taizo Abe	
	GM	5499128	03-12-1996	Rei Hasegawa	
	GN	5507323	04-16-1996	Taizo Abe	
	GO	5539545	07-23-1996	Michio Shimizu	
	GP	5548429	08-20-1996	Chikako Tsujita	
	GQ	5680189	10-21-1997	Michio Shimizu	
	GR	5757451	05-26-1998	Daisuke Miyazaki	
	GS	5852484	12-22-1998	Kazuo Inoue	
	GT	5854664	12-29-1998	Kazuo Inoue	
	GU	5861932	01-19-1999	Masashi Inata	
	GV	5952676	09-04-1999	Masahiko Sato	
	GW	4094058	06-13-1978	Yasutake et al.	
	GX	4691995	09-08-1989	Shunpei Yamazaki	
	GY	5875922	03-02-1999	Christopher Chastine	
	GZ	6304311	10-16-2001	Norihiko Egami	
	HA	5247377	09-21-1993	Juergen Omeis	
	HB	5511591	04-30-1996	Taizo Abe	

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	HC	5642214	06-24-1997	Yutaka Ishii		
	HD	5742370	04-21-1998	Chung Yup Kim		
	HE	6011609	01-04-2000	Yoshinori Kato		
	HF	6016178	01-18-2000	Hideo Kataoka		
	HG	6055035	04-25-2000	Robert Jacob Von Gutfeld		
	HH	6163357	12-19-2000	Hiroki Nakamura		
	HI	6226067	05-01-2001	Kenji Nishiguchi		
	HJ	6304306	10-16-2001	Makoto Shiomi		
	HK	6414733	07-02-2002	Keizo Ishikawa		
	HL	5956112	09-21-1999	Kohichi Fujimori		
	HM	6001203	12-14-1999	Satoshi Yamada		
	HN	6016181	01-18-2000	Shinji Shimada		
	HO	6219126	04-17-2001	Robert Jacob Von Gutfeld		
	HP	6236445	05-22-2001	James A. Foschaar		
	HQ	6337730	01-08-2002	Masaaki Ozaki		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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